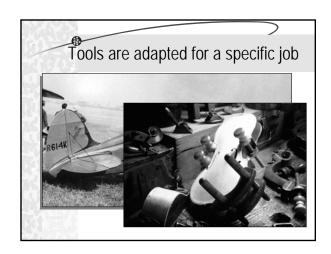
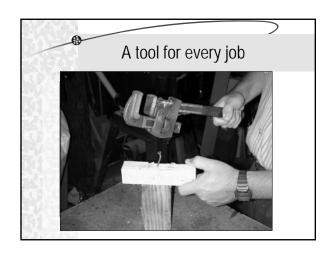


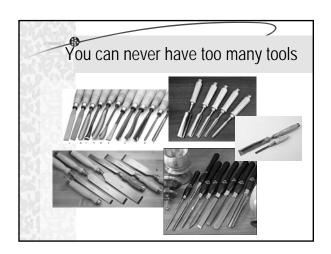
Acknowledgements * Joint Fire Sciences Program * Croatan, Kisatchie, DeSoto and others * Manufacturers and contractors * Dry Forest Mechanized Trials * San Dimas and Missoula Tech Centers

Outline Principles of tools Defining the task Overview of mechanical treatment equipment BREAK Case Studies & Videos









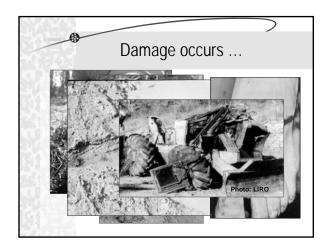
You can never have too many tools

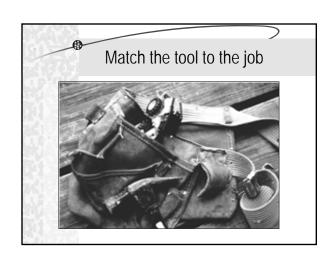
- Tools that aren't functional (Doo Blaster)
- * Tools that are too complicated to use (have you programmed your VCR today?)
- Duplicate tools (2 sets of hog ring pliers)
- Tools you don't need (no hogs)
- Over-priced tools (digital tape measure)

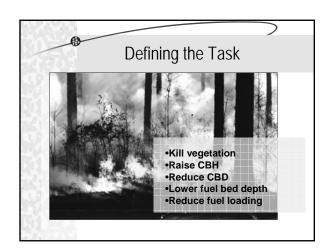
"What do you need that for?"

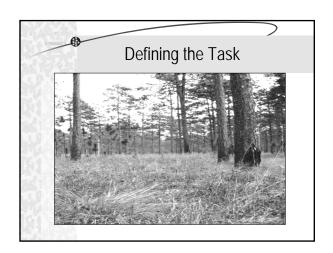
Principles of Tools

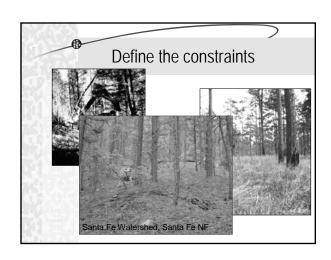
- There is a tool for every job
- Using the wrong tool breaks things
- & Using the right tool is faster, cheaper, better
- Match the right tool to the job
 - Know the job
 - Know the tools

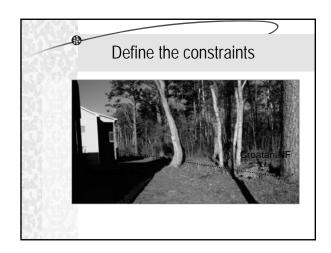








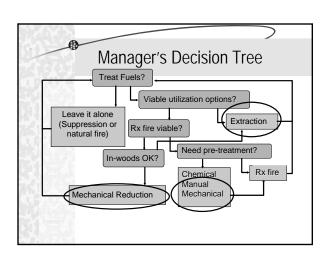


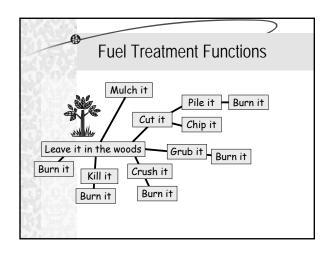


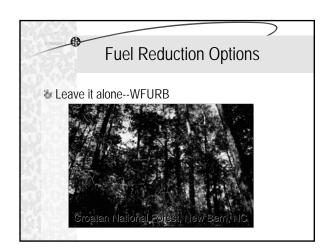
Well-defined Prescription What needs to be treated - Mulch, chips, or dirt What needs to be avoided What are constraints

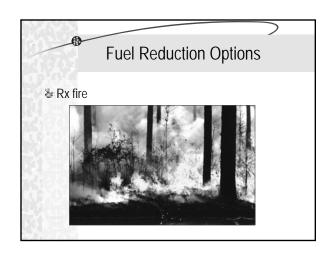
* What are the follow-up plans

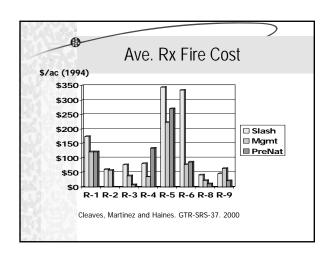
The closer the match of tool to job, the cheaper and more effective the treatment will be.

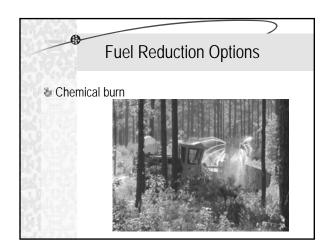


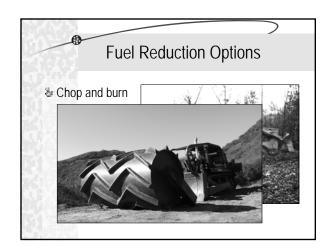


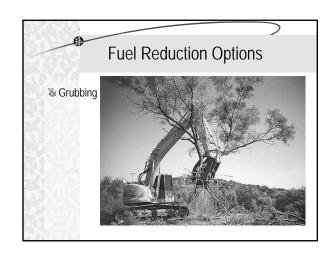


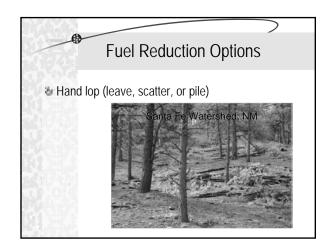


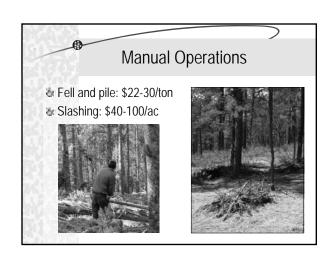


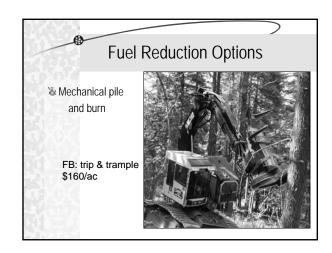


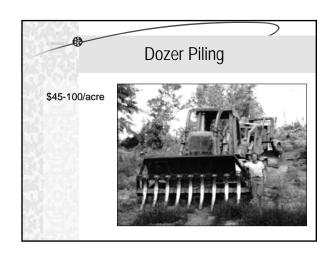


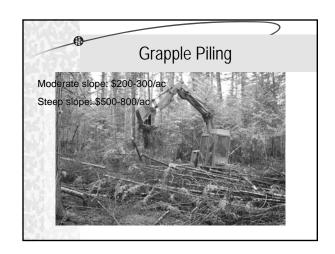


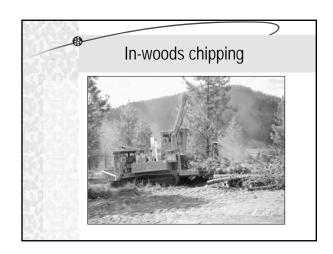


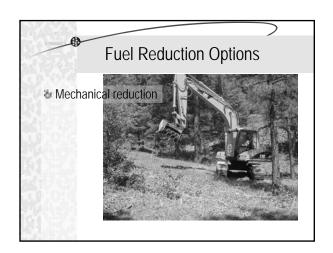


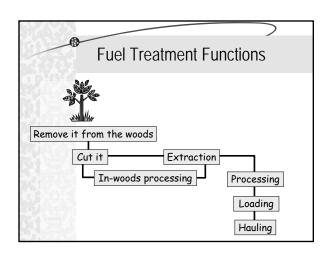


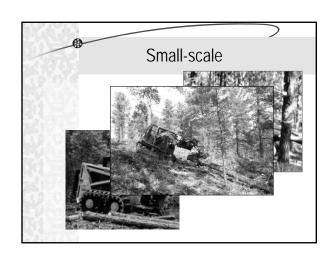


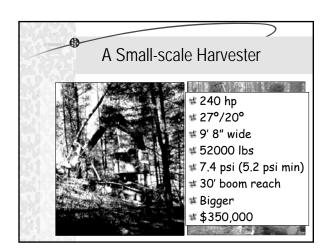


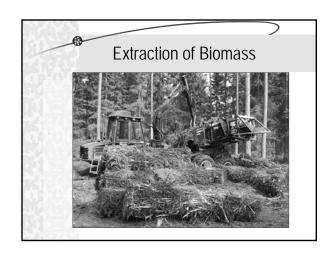


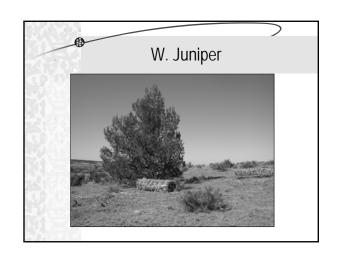


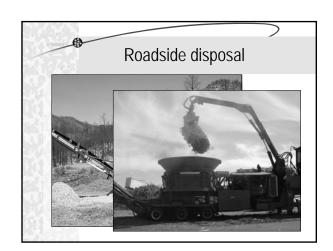


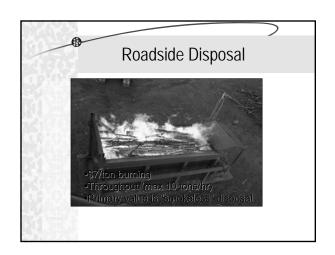


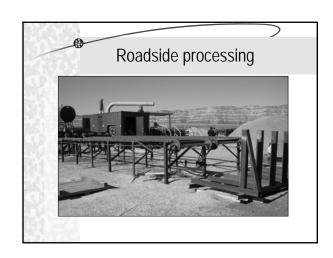


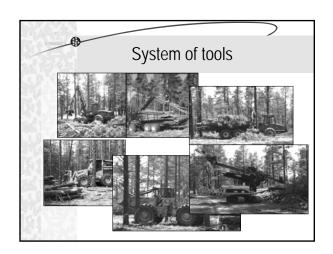


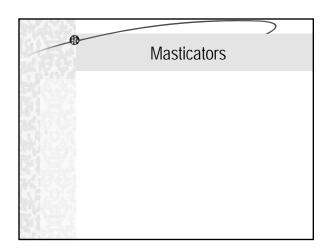




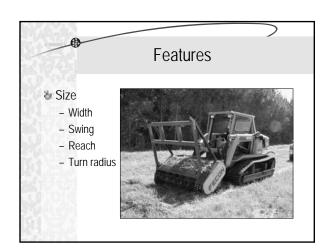




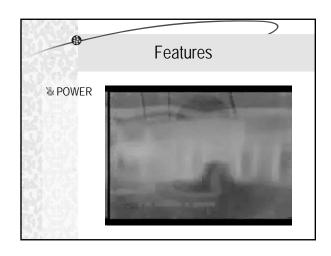




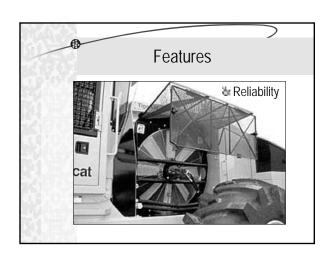
Mechanical Reduction Tools Type of prime mover (rubber-tired, tracked, RT) Type of cutterhead (horiz. Vs. vertical shaft) Type of attachment (boom-mounted, direct)

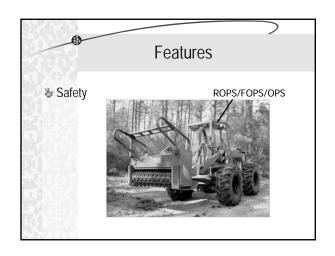


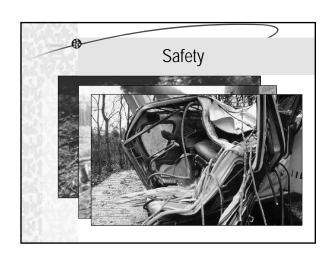


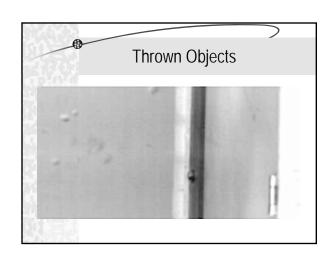


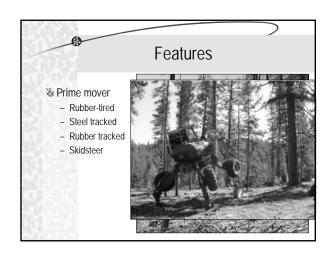


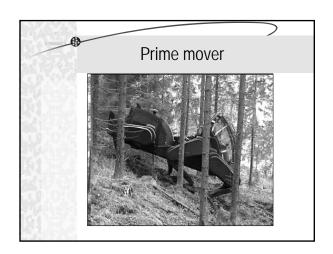


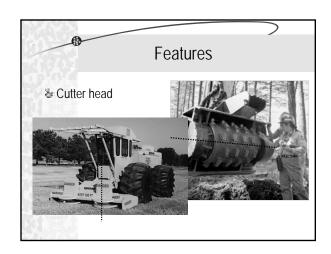












Pro's and Cons (p. 13) Vertical Shaft Horizontal Shaft & Higher hp & Less hp High stubs & Cut into ground Flying objects Throws into ground & Longer machine ቕ Shorter & Lighter machine Less maintenance More maintenance & Cheaper Expensive & Diameters < 10" Diameters to 30"

